

Patent Abstracts of Japan

PUBLICATION NUMBER : 01093258
PUBLICATION DATE : 12-04-89

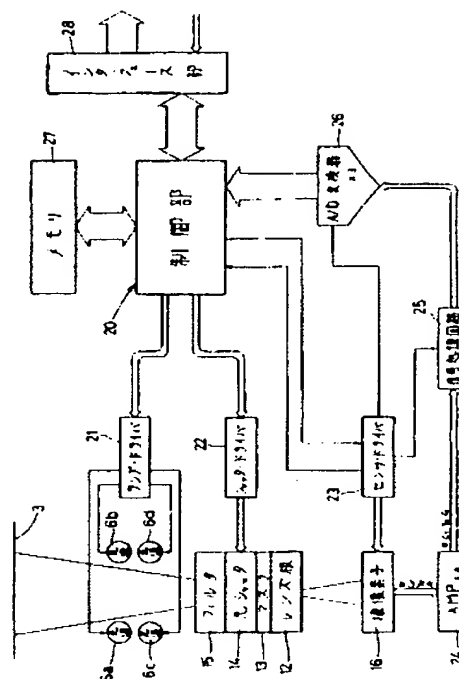
APPLICATION DATE : 05-10-87
APPLICATION NUMBER : 62251060

APPLICANT : CASIO COMPUT CO LTD;

INVENTOR : MATSUOKA TAKESHI;

INT.CL. : H04N 1/04

TITLE : IMAGE READER



ABSTRACT : PURPOSE: To obtain a device with high resolution and simple structure by dividing the whole image of an object such as an original, etc., into plural parts by an optical shutter, selecting a part of the images sequentially, and image- picking up a part of images of the object selected by the optical shutter sequentially by imageforming on an image pickup element by an optical system.

CONSTITUTION: Reading is started by lightening light sources 6a~6d sequentially by driving by a lamp driver 21, illuminating the original 3 by every quarter, opening and switching sequentially a shutter part by driving a shutter 14 by a shutter driver 22, and furthermore, driving the image pickup element 16 by a sensor driver 23 after the light sources 6a~6d and the optical shutter 14 being stabilized. The whole image of the original 3 passes the shutter part of the optical shutter 14, however, only the part of the original 3 is image- formed on the image pickup element 16 by the lens part of an optical lens 12. By repeating such operation sequentially, the other part of the original 3 is also read sequentially by the image pickup element 16 similarly.

COPYRIGHT: (C) JPO